Title (en)

LEAD- AND BARIUM-FREE IGNITER COMPOUNDS

Title (de)

BLEI- UND BARIUM-FREIE ANZÜNDSÄTZE

Title (fr)

COMPOSES INFLAMMATEURS EXEMPTS DE PLOMB ET DE BARYUM

Publication

EP 0800496 B1 20160525 (DE)

Application

EP 96937260 A 19961026

Priority

- DE 19540278 A 19951028
- EP 9604674 W 19961026

Abstract (en)

[origin: DE19540278A1] The invention concerns lead- and barium-free igniter compounds with initial explosive substances mixed with oxygen-producing substances. The igniter compounds are characterized in that the initial explosive substances are selected from alkali metal salts and/or alkaline earth metal salts of dinitrobenzofuroxanes and the oxygen-producing substances are selected from metallic peroxides, nitrates of ammonium, guanidine, aminoguanidine, triaminoguanidine, dicyandiamidine and the elements sodium, potassium, magnesium, calcium, cerium and/or polyvalent metallic oxides. The igniter compounds according to the invention display higher stability with respect to known pollutant-free igniter compounds.

IPC 8 full level

C06C 7/00 (2006.01); **C07C 7/00** (2006.01); **C06B 25/00** (2006.01); **C06B 25/04** (2006.01); **C06B 33/12** (2006.01); **C06B 45/00** (2006.01)

CPC (source: EP KR US)

C06C 7/00 (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI PT SE

DOCDB simple family (publication)

DE 19540278 A1 19970430; CA 2209203 A1 19970509; CA 2209203 C 20071002; CZ 205897 A3 19971112; CZ 293600 B6 20040616; EP 0800496 A1 19971015; EP 0800496 B1 20160525; IL 121183 A0 19971120; IL 121183 A 20000831; JP H11502864 A 19990309; KR 100537348 B1 20060525; KR 980700942 A 19980430; RU 2233825 C2 20040810; US 2002179209 A1 20021205; US 2005067073 A1 20050331; US 6997998 B2 20060214; WO 9716397 A1 19970509

DOCDB simple family (application)

DE 19540278 A 19951028; CA 2209203 A 19961026; CZ 205897 A 19961026; EP 9604674 W 19961026; EP 96937260 A 19961026; IL 12118396 A 19961026; JP 51705497 A 19961026; KR 19970704552 A 19970628; RU 97112911 A 19961026; US 16458302 A 20020610; US 75253604 A 20040108